



## SAINT LOUIS AUDUBON SOCIETY

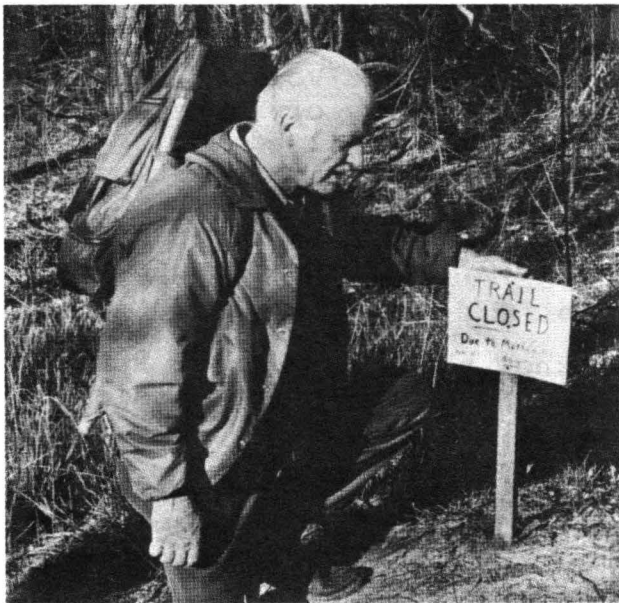
### BULLETIN

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FALL 1982

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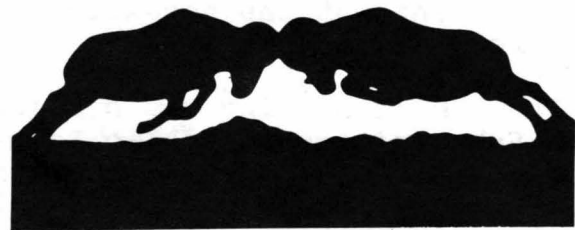
OCTOBER 1, AT 8:15 p.m., THE ETHICAL SOCIETY, 9001 CLAYTON ROAD, THE SAINT LOUIS AUDUBON SOCIETY OPENS ITS 41ST SERIES OF WILDLIFE FILMS.



## A Naturalist Afield, II

*personally presented by*

Karl Maslowski



Karl Maslowski has chronicled a year from the perspective of a naturalist seeking wonder in the out-of-doors. The journey begins in the fall at Yellowstone and Grand Teton national parks. These magnificent testaments to western ecosystems are havens for some of America's most impressive wildlife. From there Karl moves east to Ohio--a more populated area, yet it, too, supports an array of animal and birdlife. With the aid of an experienced eye, nature's secrets can be revealed--whether in town or country.

Maslowski, a nature columnist for the Cincinnati Enquirer for nearly 40 years, has traveled extensively. He has devoted much of his professional life to wildlife photography.

His beautiful calendars will be on sale at this film showing. (see back page this issue). Come meet the photographer and take home autographed calendars.

Focus on the

BETTY  
WILSON



## IRISH WILDERNESS

The time may be ripe to include Missouri's superb Irish Wilderness in the National Wilderness System. Missouri's premier wilderness area, the Irish, is under threat of exploration by lead mining interests. This threat has brought together congressional and citizen interests to protect the wilderness from environmental degradation. It has become vitally important that every citizen use his influence to preserve this Missouri wilderness in this session of Congress.

### Proposed Legislation

H.B. 5686, sponsored by Missouri Congressman Harold Volkmer, and cosponsored by Rep. William Clay, was heard in the House of Representatives on May 24. Rep. Volkmer spoke for his bill, followed by a number of members of the Missouri Wilderness Coalition. Conservationist testimony was well received by members of the Subcommittee on Public Lands and National Parks and by Chairman Seiberling. It is necessary to press other Missouri congressmen to cosponsor H.R. 5686 and/or support the bill.

What you can do: Let your congressmen know that you support H.R. 5686 and point out the necessity of passage during the present session of Congress.

The Senate hearing was held before Senator Malcolm Wallop, Chairman of the Subcommittee on Public Lands and Reserved Water, on Thursday, May 27. Senator Jack Danforth, cosponsor with Senator Tom Eagleton, of the bill S. 1964 testified on behalf of this piece of Legislation. Senator Danforth spoke strongly for the bill and Senator Eagleton submitted effective testimony.

What you can do: Congratulate your Senators Danforth and Eagleton on sponsoring the Senate bill and tell them of your endorsement, and point out the necessity of passage during the present session of Congress.

## UPDATE ON HAZARDOUS WASTE

At the present time only about 10 percent of hazardous waste is managed acceptably by controlled incineration, neutralization, secure landfills, recovery for useful purposes, or other environmentally sound methods. About 80 percent is disposed of in nonsecure lagoons, landfills and dumps, and about 10 percent is incinerated without proper controls. Inadequately controlled deep-well injection and road oiling are other methods used for a small fraction of hazardous wastes. The national priorities list of 400 sites which could receive "Superfund" money is expected to be published in the fall of 1982. Among these will surely be at least two dangerous spots in Missouri - one near Ellisville and one near Springfield.

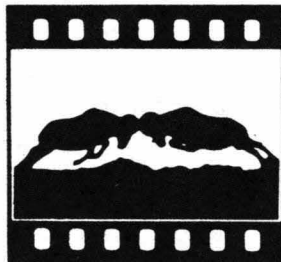
Focus on Environemnt continued:

Much of Missouri's hazardous waste is created in the Saint Louis region. However, there is only one disposal area in Missouri which receives hazardous waste (Bob's Home Service). It is easy to assume that much hazardous waste finds its way into solid waste landfills, and unfortunately there are inadequate funds for proper inspection of these solid waste landfills.

National and state legislation and many regulations are now in place to bring about the proper disposal of hazardous waste. What is needed is continuing public support and understanding, and adequate funding to enforce our present legislation.

#### STATE BOND ISSUE WILL HELP ENVIRONMENTAL PROGRAMS

The \$600 million bond issue for the State of Missouri, which was approved at the June 8th election, will bring more than \$112 million to the Department of Natural Resources over the next five years. In Natural Resources, funds are targeted for the following projects: \$12 million for construction and expansion of facilities in public water supply and sewer districts; \$24 million for the state cost-share program for soil conservation, a program that gives grants to landowners to implement soil conservation practices; \$18 million for storm water control in the county and city of St. Louis to prevent flooding; and \$58.9 million for the maintenance of state parks and historic sites.



AUDUBON  
WILDLIFE  
FILMS

Beginning with 1982-83 series, there will be a one dollar per person donation for the Audubon sponsored Wildlife films at The Ethical Society.

The Board of Directors of the St. Louis Audubon Society decided to ask for this donation after accessing the proposed budget for the organization. It became clear that with rising costs additional funds would be necessary.

The series has a long tradition of quality wildlife films at no charge. St. Louis has been one of the very few cities not charging admission. Our attendance has been excellent. We feel that this will be maintained, and hope you will continue your support and join us.

## WHAT MAKES A PRIZE-WINNING PHOTOGRAPH?

by Lee F. Mason



Each year there are more and more photography contests. And each year more and more amateur and non-professionals win top awards in picture contests. WHY NOT YOU?

The key to winning those top prizes lies in knowing WHAT, WHERE and HOW TO SUBMIT PICTURES to the various competitions.

The WHAT to submit involves your creative imagination. And that is an important intangible quality YOU must supply from within: view-point, perspicacity, timing-- these are the very essence of a captivating photograph. Ideally, a picture should be appealing, informative, and meaningful. Get those into a photograph and you will have a winner!

The WHERE and HOW to submit photographs in contests will be set out in the rules. BE SURE TO FOLLOW THE RULES EXACTLY! More entries are disqualified because they do not comply with the rules than for any other reason.

An examination of some of the outstanding prize-winners of the past reveal the following:

1. They have STOPPING POWER. They have a quality which makes them stand out from the mass of other photographs in a pile. In some way they are unique and remarkable enough to make the observer stop and look.
2. They have CONTENT. The photographs give the viewer something: They satisfy the viewer's sense of the pleasant, the unpleasant; the ugly, the beautiful, etc. In the same way we feel a tinge of pleasure in the prospect of an enjoyable experience, so we should respond when viewing a really good photograph.
3. They have CREATIVE IMAGINATION and ORIGINALITY. The imaginative photographer considers aesthetics and is discriminating in the selection of his subject-matter, approach, treatment and presentation.

**STOPPING POWER:** You can get this into your photographs by approaching the subject in an unusual way: shooting up or down; placing the horizon very low or very high; framing the subject interestingly; using unusual lighting; coming in very close on the subject, etc.

**CONTENT:** This is concerned with the purpose of the picture. For the contest photographer, the purpose of the photograph should leave nothing to chance. It should make a direct and understandable statement that is immediately apparent to the viewer. Before you snap any picture ask yourself: "Why am I taking this picture?" If you have a valid answer, then your picture has every possibility of having good content. A good photograph always gives something-- it is inspiring, educational, informative, or entertaining, and it should arouse an emotion of some sort in the viewer.

MORE



CREATIVE IMAGINATION and ORIGINALITY: Imaginative faculties can be developed. Study the photographs of other photographers to find out why and how the pictures were made. With most subjects there is usually one obvious way to make the photograph. However, more often than not, that is also the easiest way. And the easiest way is not necessarily the best way. If you want to produce an imaginative quality, never accept the obvious solution without a challenge. Think, observe, study the situation and a new and original interpretation will come to you. Originality in photography is primarily concerned with approach, conception, and execution rather than the technicalities of the photography. It is the photographer who is responsible, who makes the picture - not the camera equipment. The camera gear is no more creative or productive than a glob of clay. But, as the artist uses the clay to express himself and create a visual representation of his ideas, so the perceptive photo-rapper uses the camera.

To find out what photography contests are going on check with the photography magazines at the library for listings of such contests. Watch the newspapers for announcements of organizations or businesses sponsoring photo competitions. Inquire at your favorite camera shop for information about photo contests.



WANT TO POLISH YOUR PHOTOGRAPHIC SKILLS??? Come join in the activities of the Photography Section of the Saint Louis Audubon Society. Indoor meetings are the first Tuesday of the months of October through June (no meeting in January), at 7:45 p.m., in the auditorium of the Clayton Federal Savings and Loan Association. Association, Elm and Lockwood, Webster Groves.

SPECIAL NOTICE. The first meeting of the 1982-83 session will be held on Tuesday, October 5, 7:45 p.m., at ROYALE ORLEANS, 2801 Telegraph Road.



#### COMING EVENTS:

October 23 (Saturday). Fall color photography Walk. Meet at 10:00 a.m. at the Visitor Center of Greensfelder Park. Go west on I-44 and exit at Pacific-Allenton exit, north on Allenton Road 3 miles to Center. Bring lunch, camera and plenty of film.

November 2 (Tuesday) 7:45 p.m., indoor meeting at Clayton Federal in Webster Groves. Plant photographer, Jack Jennings, will have program on photographing flowers in and around Shaw's Garden.

November 13 (Saturday). Photography Walk, 10: a.m. at the Research Center Complex, Tyson Research Center. West on I-44 to Beaumont Antire Road exit. The gate to the Research Center is at the top of the grade. Tell guard you are joining the Audubon group. Blinds have been set up which should aid in some interesting wildlife shots.

Photography Section continued:

December 7 (Tuesday) 7:45 p.m. CAMERA and GADGET EXCHANGE and SALE. We all accumulate photographic accessories that we no longer use. Somebody IS looking for that item. Someone will bring something you are looking for. Let's donate 5% of what we sell to the Saint Louis Audubon Society. The Society picks up the tab for the Photography Sections expenses. This important event will be held at Clayton Federal Savings and Loan Association Auditorium, Elm and Lockwood, Webster Groves.

For the "SHOW AND TELL" meetings, anyone may show ten slides. If your thing is prints bring them for display. Share your photographic experiences. Be prepared to tell WHERE, WHEN and HOW you took the pictures. You alone will handle your slides and prints.

Weather conditions may necessitate cancellation of a meeting. If in doubt call 965-8642 or 968-8072.



#### SEVENTY-SEVENTH NATIONAL AUDUBON SOCIETY ANNUAL DINNER

The annual dinner of the National Audubon Society will take place this year in a new setting -- Los Angeles.

Beginning this year, the annual dinner will be held in a different city each year, giving more members an opportunity to attend, and giving the chapters in different parts of the country an opportunity to host those members who attend.

The 1982 dinner will be held at the Biltmore Hotel in Los Angeles on November 4. Dr. Russell Peterson, President of National Audubon Society, will address the group, and the Audubon Medal will be presented at that time. David Gaines will give a special audio-visual presentation on Mono Lake.

For information on reservation call (213) 441-3466 or sent total amount (\$30.00 per person) to National Audubon Society, 1414 South Fair Oaks, South Pasadena, California 91030.

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FOUND: at the annual dinner of the Saint Louis Audubon Society, May 1982, University Club, a gold pin in the form of the letter "W". If you lost this pin please call 965-8642 and we will be happy to return.

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Where would you like us to hold the St. Louis Audubon Society annual dinner in May 1983? Call Barbara Lawton with your suggestion.

# SAINT LOUIS AUDUBON SOCIETY OFFICERS AND DIRECTORS

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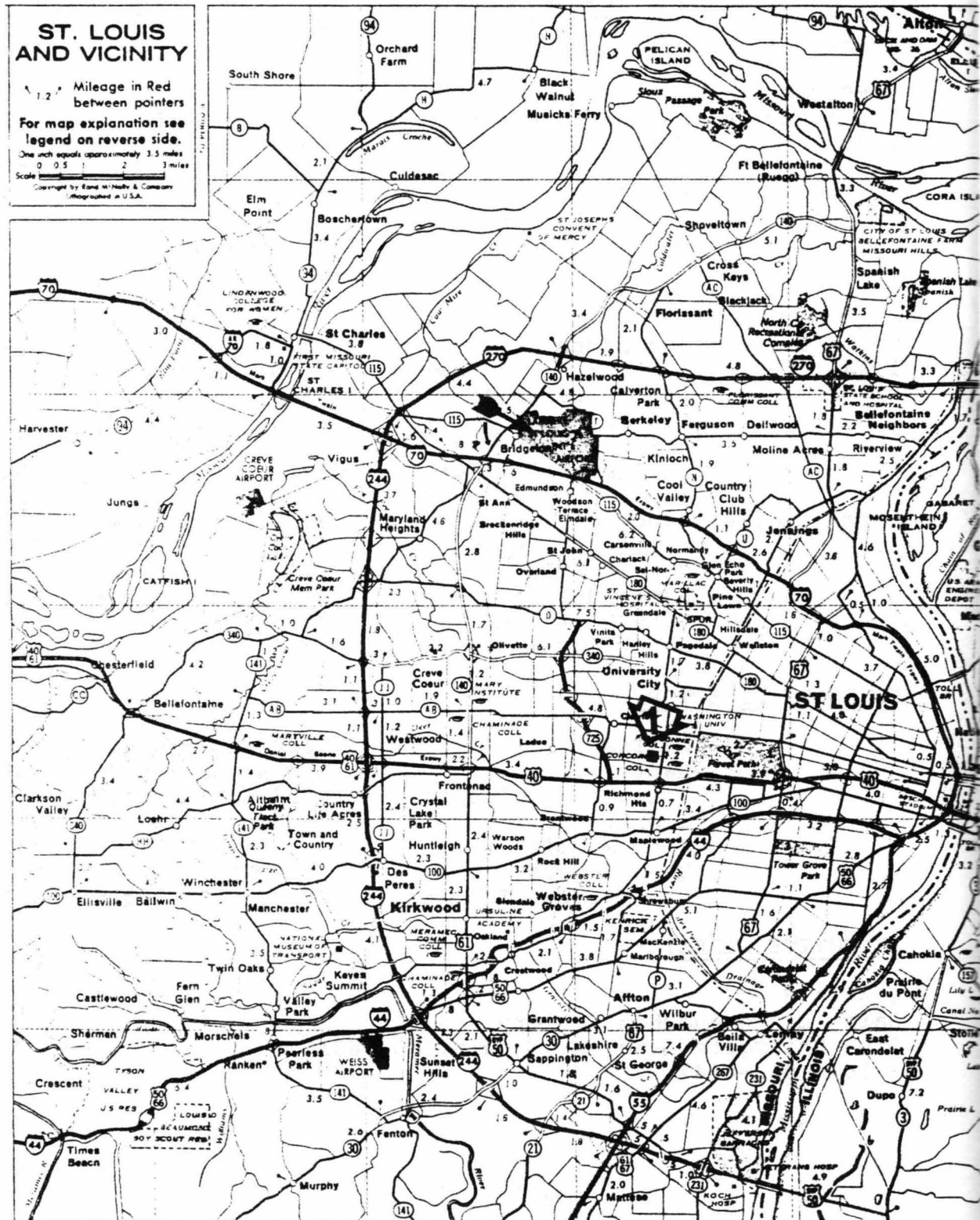
## EXECUTIVE DIRECTOR

Connie Hath  
Saint Louis Audubon Society  
2109 Briargate Lane, St. Louis, MO. 63122  
(314) 965-8642

IN RESPONSE TO MANY REQUESTS THIS MAP HAS BEEN PREPARED BY

Jack Van Benthuisen, president,

Saint Louis Audubon Society





PLEASE CLIP AND SAVE. ADDITIONAL COPIES 50¢ EACH FROM ST. LOUIS  
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## EURASIAN TREE SPARROW



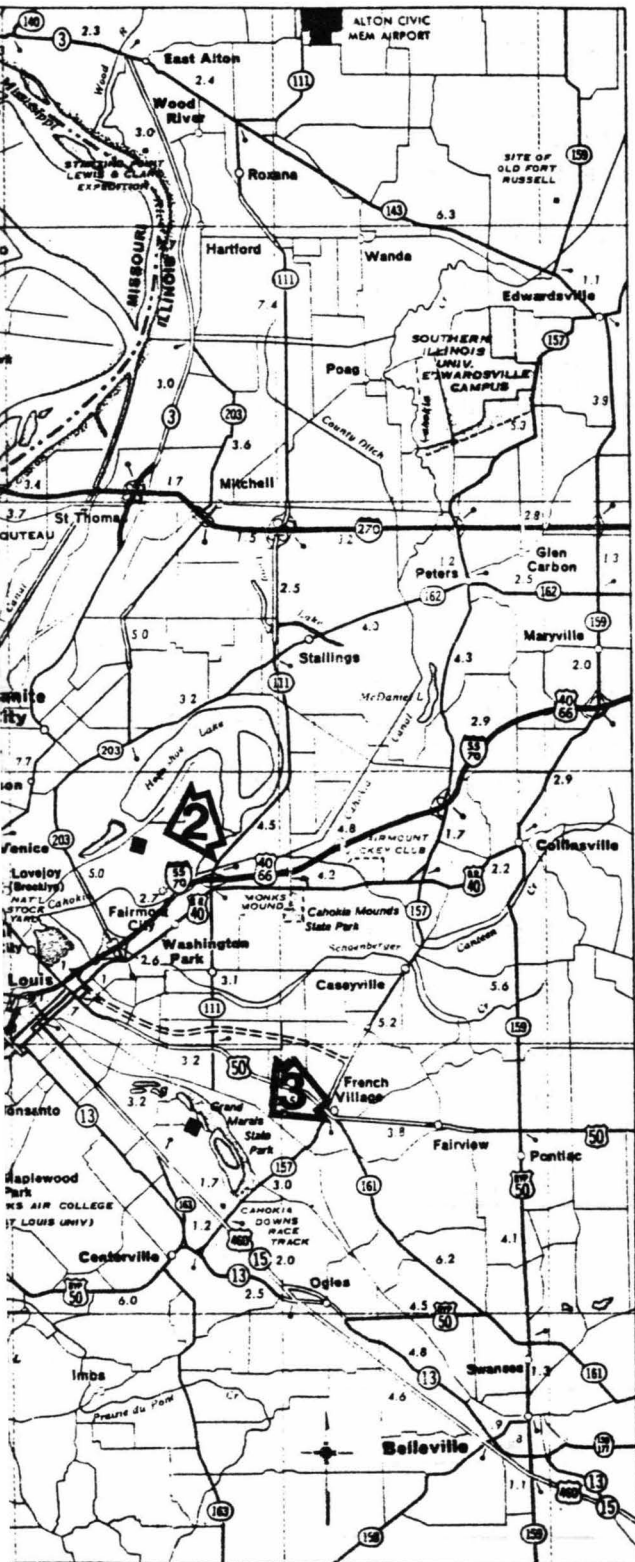
Museum of Science and Natural History (Oak Knoll Park) - at north-west corner of Big Bend Blvd. and Clayton Road. There has been a resident flock for the past number of years, however the numbers have been lower and lower each year. Go west of parking lot to old park nursery area. Flocks more apt to appear in winter. Summer usually individuals only. This is the most convenient place, however not as reliable as formerly (chances 1 of 5).



Bend Road - on west side of Horseshoe Lake take Highway 203 toward Granite City, turn right at second stop light. This is Bend Road. Proceed down Bend Road to railroad tracks, there on lake side of road are thick bushes. This is most reliable spot to find Eurasian Tree Sparrow (chances 4 out of 5).



Frank Holton State Park (formerly Grand Marias State Park) - usually found on south side of central lake just across bridge near golf course club house. (chances 3 out of 5)



## EDUCATIONAL FUND

Mr. and Mrs. Jack Van Benthuisen  
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Mrs. Esther Holsen  
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## MAGNER SCHOLARSHIP

Mr. and Mrs. Walter P. Gibbs  
Mr. and Mrs. George Paul

## IN LOVING MEMORY

Mr. Edward G. Cherbonnier, former president of the Saint Louis Audubon Society, died June 6, 1982. Ed Cherbonnier will long be remembered by members and friends of the Society for his continued support and loyalty to the Saint Louis Audubon Society. Survivors include two daughters, Adelaide Cherbonnier and Lesley Knowles and a son, the Rev. Dr. Edmond L. Cherbonnier.

The enclosed contribution to Saint Louis Audubon Society is given

in memory of \_\_\_\_\_

in honor of \_\_\_\_\_

\_\_\_\_\_

occasion

Please notify \_\_\_\_\_

from \_\_\_\_\_

\_\_\_\_\_

# Junior Audubon News

by  
Beverly J. Letchworth

Man has always wondered whether or not life exists beyond our planet. What are the chances of life on those stars outside our solar system that are nearest to us?

**ALPHA  
CENTAURI**  
About same age as sun--4.6 billion years. Chances for life GOOD. Formed when universe had large amounts of carbon, oxygen and other elements essential for life.

**EPSILON  
ERIDANI**  
About same age as sun. Scientists pick it for having the BEST chance for life.

**SIRIUS**  
Age is 300 million years. Chances for life are POOR since it is a young star. Any life would be primitive.

**ROSS 154**  
Scientists think it is younger than sun. Chances for life are FAIR, if it's not too young. Its red color means it may not emit enough light for photosynthesis.

**BARNARD'S  
STAR**  
Old as universe--20 billion years. Chances for life are POOR since it's so old. No carbon, oxygen etc. were probably available when it was formed.



Scientists have discovered that the bulk of the particles making up the rings of Saturn are round, smooth chunks of ice which are 6-13 feet across. These seem to be leftovers from the formation of the solar system and not the fragments of some ancient moon, as previously thought.

! Fireflies taste bad. Birds won't eat them and even lizards spit them out. Whatever it is that repels their predators, may prove valuable to man also. It has been found that firefly repellent will ward off sharks. In an experiment, an extract from fireflies was put into tanks that held Atlantic sharpnosed sharks. Within minutes the sharks squirmed to escape. If they could not get away, they became paralysed and finally died.

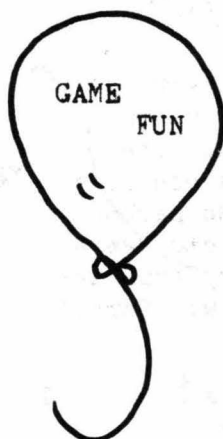
! Penguins and seals of the Falkland Islands were spared serious damage during the fighting there between Britain and Argentina several months ago because at the time they were "out to sea" in migration. Had the fighting happened earlier, it could have proven disastrous for them. However, with further military activities there, wildlife could still be in danger. The Falkland Islands are noted for their abundance of animals and birds; some species are found only there.



Here are some interesting facts that are fun to know . . .

- \* The largest of all fishes and the largest of all sharks is the whale shark. It averages 20 feet in length and has been known to reach a length of 60 feet. It feeds entirely on tiny fish and is harmless to man.
- \* Of all the seabirds seen on our coastal waters, the terns are probably the most numerous.
- \* Where sea and land meet is called seashore or coastline and it is here that wildlife is more abundant than in any place on dry land. The United States has approximately 88,633 miles of coastline.
- \* The tarpon is said to be the greatest fighter in the world of game fishes. When hooked it may leap vertically out of the water 10-15 feet and will often make above-the-water horizontal jumps of 20-30 feet. The largest tarpon ever recorded weighed 383 pounds.

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Below are some of man's most common expressions featuring our fine feathered friends--the birds.

LAME DUCK  
SITTING DUCK  
JAYWALK  
HAWK-EYED  
CHICKEN OUT  
STOOL PIGEON  
TALK TURKEY

See if you can fill in the blanks of the sayings below with the correct name of the bird.

SPREAD \_\_\_\_\_ WISE OLD \_\_\_\_\_ PECKED \_\_\_\_\_  
\_\_\_\_\_ PIMPLES \_\_\_\_\_ YOUR NECK \_\_\_\_\_

Answers: spread eagle--wise old owl--henpecked  
goose pimples--crane your neck

## THE SQUATTERS (a true story)

by: LaVerne G. Becht

Carl and Carol Chickadee found the empty wren house one chilly morning late in March, while seeking a safe place to build their nest. It was small and snug, but Carol was nervous. "Wren wouldn't like us to use his place," she said, "He went south only for the winter and will be back in about a month."

"Bosh!" Carl cried, "We can move in, raise our family and move out while Wren is still loafing on a beach in Miami or sunning himself in Mexico City. Besides, I want you to live in a real house for once instead of a hole in a tree."

Carol had never lived in a wooden house with a roof to keep out the rain, wind and cold, and with a neat little hole to fly in and out of. She had always brought up her nestlings in an open hole somewhere in an old rotten tree, and when the wind blew the wrong way or rain fell it was very chilly and wet, which made her cranky, Carl cranky and the babies cranky and sometimes they all had bad colds. Secretly she was glad Carl had persuaded her to move into Wren's house. She also liked the old garden with its overgrown shrubs, vines and trees, a good place to find food easily. So she popped through the small hole, and then Carl heard her cry of dismay, "Oh, what a mess! Wren stuffed the place and I can scarcely turn around. It will take hours to clean out."

"Don't worry, love," Carl answered, "I'll help you." They dragged out bundles of twigs, bunches of grass, dried leaves, string and even some red yarn. Finally they finished the job, dropping everything on the grass. "Now we can bring in our things," Carl announced. They flitted around the yard and carried in their belongings-- fresh dry twigs, bits of clean leaves and lots of down from split seed pods. Carol placed everything where it belonged and they moved in. A few days later when the rain pattered on the roof it was warm and dry, and Carol told herself it was worth any trouble that Wren might cause later.

Before long Carol produced six eggs which rested on the soft down. Both birds, in turn, spread their wings to keep them warm, while the other a blur of black and white, bobbed out for a quick snack. All day long a cheerful "chick-a-dee-dee-dee" echoed in the clear, crisp air.

About two weeks later, Carl, returning from his morning exercise and a bite to eat, heard Carol cry out, "Oh, oh one egg has hatched!" They were pleased and excited, but from then on they were busy, flying into the nest with food for the nestling. Another egg hatched the next day, and a few days later all six nestlings lay on the soft down--tiny, bare and with small beaks always open. From then on, from dawn to dark, Carl and Carol flew in and out of the house constantly, feeding the baby birds.

One afternoon Carl remarked wearily, "Gosh I'm bused," "So am I", said Carol, "The babies are bottomless. But see how healthy they are, their feathers are longer every day. And what lungs--they scream all the time, the noisy little rascals." Tired as he was, Carl perched briefly

MORE



Outside on the roof and sang his song with pride.

The next morning Carol said, "We have to name these youngsters. How about Carl, Jr., and Carol, after you and me? Can you think of names for the others, three girls and a boy?"

Carl hesitated briefly, and then answered, "I think Charley is a good name for the boy. And, oh yes, Charlene for one of the girls. Why don't you name the other two."

Carol thought for a few minutes and then said, "How do you like Carey and Cory?" "Very pretty names," Carl answered. Privately he thought how clever they were to think of names beginning with the letter "C".

A few days later Carol began to fuss again about Wren. "It's almost time for him to return and your babies aren't quite ready to leave the nest," she said.

Relax, honey, Carl replied. "I'm somewhat larger than Wren and can fight him off, although he is a tough little fellow, and his curved, sharp bill is dangerous."

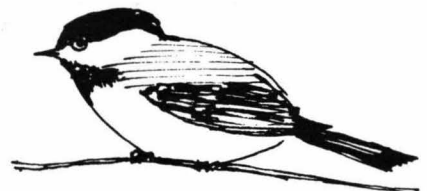
The next three days were peaceful. The nestlings were almost ready to leave the house. But on the fourth morning Carl and Carol heard a loud and sharp crack on the roof. Wren had arrived! Carol shuddered, but her sturdy mate said, "I can keep him busy while you get the babies out of the house."

The battle began, furious Wren dive-bombing on and around his house. Carl rushed out and two angry birds chased each other around the yard, Wren buzzing loudly and Carl screaming, while Carol pushed the young birds out, all fluttering safely onto the grass below. She hastily swept down and guided them under thick shrubbery at the edge of the yard. Carol had barely left the house when buzzing Wren, like a flash of lightning, poked his head into the hole, and in no time at all jerked out the sticks, leaves and soft down with his stiletto-like bill. He roared at Carl, "You threw out all of my belongings, and there go yours!"

Carl retorted, "And a good job, too. What a lot of junk you had. We saved you hours of work", and off he darted to search for Carol and the children. Wren then perched on his roof, tail straight up in the air, and shouted loudly, "I won, I won, I won!" Chickadees have no business in my house! Don't you ever come back!"

Carl finally joined his family, exhausted, but pleased with himself. "Wasn't that a fine fight!" he exclaimed, preening and puffing out his feathers. But then he added, "It was a close call, though, and I'm glad you are all safe. He could have hurt one of you youngsters." I guess we had better not borrow Wren's house again."

And they never did.



## ORPHAN FINDS NEW HOME

by Joel M. Vance, Department of Conservation

There's this abandoned waif, see, and what we do is make a musical bout the poor kid. Hey, maybe we could try it out as a comic strip for 40-50 years, then go for Broadway.

We could call it "Little Orphan Adversity!"

Missouri's version of Annie, the beloved orphan, is safe in an orphan home a bit more congenial than the one Annie escaped from. It's an eagle hacking tower at Mingo National Wildlife Refuge in southeast Missouri. Adversity, a baby eagle so nicknamed by Department of Conservation planner Bill Dieffenbach because of all the trouble it has had, has joined two other baby eagles in the special facility.

The tower is a joint venture of the Department of Conservation and the U. S. Fish and Wildlife Service, and the Springfield Dickerson Park Zoo, which has the largest facility in the country for rehabilitation of injured eagles.

Adversity is the first authenticated eagle offspring in Missouri in more than 40 years. In 1939 there was a successful bald eagle nest on the Eleven Point River. In 1962 a nest had young which vanished-- either they flew or something happened to them.

Adversity's nest on Harry S. Truman Reservoir was successful only in the sense that it produced one youngster. But both parents vanished; whether victims of mishap or not no one knows.

Paul Price, curator of birds at the Zoo and Jim Wilson, endangered species coordinator for the Department of Conservation, captured Adversity on July 2 and found it seriously dehydrated and malnourished. Price took the eagle to the Zoo and in less than two weeks, it had gained back most of the two pounds it was underweight.

On July 12, the eaglet was unveiled at a Zoo press conference, with representatives of the Corps of Engineers, the Water Patrol, the Zoo and the Department of Conservation on hand. Then the Department flew the still-flightless bird to Mingo where it joined two other eaglets from Minnesota.

The hacking tower is a special facility where young eagles can be fed without ever seeing humans and can be cared for until they are able to fly and feed themselves. Young birds "imprint" on whoever feeds them and if a bird imprints on humans, it likely would fail in the wild.

The hacking tower produced two birds last year that were seen as late as November after their August release. The hope is that in 4 or 5 years, when the tower's young are sexually mature, they will return to Mingo to nest.



Saint Louis Audubon Society  
2109 Briargate Lane  
St. Louis, MO. 63122

CONNIE HATH, EDITOR

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# !NOTICE!

SAINT LOUIS AUDUBON SOCIETY APPOINTMENT CALENDAR - 1983

Photographs and descriptive copy by Karl H. and Stephen Maslowski

Karl and his son Stephen have worked together as a team for many years filming wildlife in all parts of the United States, the Arctic, East and South Africa and the Caribbean. Their still photos have appeared in or on over one thousand newspapers, magazines, books post cards, etc.

Members of our Society remember them well for visits to Saint Louis as speakers for the Wildlife Film Series. Karl Maslowski will be the speaker on October 1, our first of the Wildlife Film Series for 1982-83. You will have the opportunity of having him autograph your calendars. These beautiful works of art show twelve of their best photographs and there is an educational text for each bird of the month.

This is a limited edition for us, and only 200 copies will be on hand at the film showing. The calendars will be \$3.00 each, by mail \$4.00. What a wonderful Christmas gift.

The calendars are large enough for appointment use, and each month is marked with an 11 x 9 full colored photograph and a most comprehensive text giving size of the bird, range, nest and number and color of eggs. There is also a discussion of habitat.

PICK UP YOUR AUTOGRAPHED COPIES AT THE FILM TOUR SERIES, OCTOBER 1, 8:15 p.m., The Ethical Society, 9001 Clayton Road. For other information about the calendars call 965-8642